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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL REVIEW OF REMEDIATION MONITORING REPORT  
RECEIVED 31 JANUARY 2006 AND MONITORING WELL APPROVAL FOR ZONE H AREA  
OF CONCERN 659 (AOC 659) ABOVE GROUND STORAGE TANK NS-14 (AST NS-1  
06/06/2006  
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

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6 June 2006

Commander  
NAVFACENGCOM Southern Division  
Attn: Code ES24 (Gabriel Magwood)  
P.O. Box 190010  
North Charleston, SC 29419-9010

RE: AST NS 14 (AOC 659 – Zone H)  
Site ID # 01311  
Remediation Monitoring Report received 31 January 2006  
Charleston County

Dear Mr. Magwood:

The Department has completed technical review of the referenced document. Interpretation of the analytical data provided in the referenced report indicates that chemicals of concern remain above established Risk-Based Screening Levels and MCLs.

Based upon the continued presence of free product the Department recommends the following actions:

1. Passive free product recovery should continue while CNB ponders more aggressive recovery efforts.
2. Two additional monitoring wells should be installed (permit attached to this correspondence). One well south of 659GW005 and one well north of 659GW003 (located between 659GW007 and 659GW002).
3. Semi annual reporting of recovery efforts and sampling of those wells not containing product. Please note that once the additional well north of 659GW003 is installed, sampling of 659GW009 may be suspended.

Please submit the next remediation monitoring report no later than 30 November 2006. Should you have any questions, please contact me at (803) 898-3553 or [bishopma@dhec.sc.gov](mailto:bishopma@dhec.sc.gov).

Sincerely,

Michael Bishop, Hydrogeologist  
Groundwater Quality Section  
Water Monitoring, Assessment and Protection Division

enc: Monitor Well Approval

cc: Region 7 District EQC (w/enc)  
Jerry Stamps – BLWM (w/enc)  
Andrew O'Connor, CH2MHILL, 1330 Kilo Street, N Charleston, SC 29405 (w/original MWA)  
Technical File (w/enc)

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### **Monitoring Well Approval**

**Approval is hereby granted to:** CH2MHILL  
**(on behalf of):** NAVFACENGCOM Southern Division  
**Facility:** CNB - AST NS 14 (AOC 659 - Zone H)  
**Site Identification #:** 01311  
**County:** Charleston

This approval is for the installation of two (2) permanent groundwater monitoring wells. The monitoring wells are to be installed in the locations and per the proposed construction details provided by CH2M-Jones in correspondence dated January 2006. The monitoring wells are to be installed following all of the applicable requirements of R.61-71.

**Please note that R.61-71 requires the following:**

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. A Water Well Record Form or other form provided or approved by the Department shall be completed and submitted to the Department within 30 days after well completion or abandonment unless the Department has approved another schedule. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
3. All analytical data and water levels obtained from each monitoring well shall be submitted to the Department within 30 days of receipt of laboratory results unless another schedule has been approved by the Department as required by R.61-71.H.1.d.
4. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
5. If any of the information provided to the Department changes, Michael Bishop (803.898.3553) shall be notified a minimum of twenty-four hours prior to well construction as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated April 26, 2002.

**Date of Issuance:** 6 June 2006

**Approval #:** 2697

Michael Bishop, Hydrogeologist  
Groundwater Quality Section  
Water Monitoring, Assessment and Protection Division  
Bureau of Water